Journal of Fluid Mechanics **Volume 331 25 January 1997**

L. F. Henderson, W. Y. Crutchfield & R. J. Virgona The effects of thermal conductivity and viscosity of argon on shock waves diffracting over rigid ramps *page* 1

P. G. LaRose & J. B. Grotberg Flutter and long-wave instabilities in compliant channels conveying developing flows 37

J. Qian & C. K. Law Regimes of coalescence and separation in droplet collision 59

J. B. Klemp, R. Rotunno & W. C. Skamarock On the propagation of internal bores 81

D. K. Heist & F. C. Gouldin Turbulent flow normal to a triangular cylinder 107

L. de Luca & M. Costa Instability of a spatially developing liquid sheet 127

C. Pozrikidis Numerical studies of singularity formation at free surfaces and fluid interfaces in two-dimensional Stokes flow 145

H. A. Dijkstra & M. J. Molemaker Symmetry breaking and overturning oscillations in thermohaline-driven flows 169

M. J. Molemaker & H. A. Dijkstra The formation and evolution of a diffusive interface 199

D. A. Hammond & L. G. Redekopp Global dynamics of symmetric and asymmetric wakes 231

K. Fujimura & R. E. Kelly Degenerate bifurcation in stably stratified plane Poiseuille flow 261

A. Thess, D. Spirn & B. Jüttner A two-dimensional model for slow convection at infinite Marangoni number 283

A. I. Saichev & W. A. Woyczynski Evolution of Burgers' turbulence in the presence of external forces 313

B. L. Hua, D. W. Moore & S. Le Gentil Inertial nonlinear equilibration of equatorial flows 345

O. E. Jensen The thin liquid lining of a weakly curved cylindrical tube 373

R. J. Lingwood Absolute instability of the Ekman layer and related rotating flows 405

C.-S. Yih The role of drift mass in the kinetic energy and momentum of periodic water waves and sound waves 429

BOOK REVIEW

Fundamental Aspects of Combustion, by A. Liñan & F. A. Williams 439

INDEX TO VOLUME 331 444

CAMBRIDGE
UNIVERSITY PRESS

JFLSA7 331 1–446 (1997) 0022–1120 © Cambridge University Press

0022-1120(199701)331;1-C